ATTACHMENTS: CLEAN COPY OF ALL PENDING CLAIMS AFTER ELECTION

20. Process for oxidising a halo aromatic substrate which has more than one halogen atom, which process comprises oxidising said substrate with a monooxygenase enzyme, wherein a ring carbon of the substrate is oxidised.

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21. Process according to claim I in which the enzyme comprises a substitution of an amino acid in the active site by an amino acid with a less polar side-chain.

22. Process according to claim 2 in which the enzyme comprises one or more other amino acid substitutions in the active site.

23. Process according to claim I in which the enzyme is:

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(i) $P450_{cam}$, or

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(ii) a naturally occurring homologue of (i), or

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(iii) a mutant of (i) or (ii).

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24. Process according to claim A in which the enzyme is one in which amino acid 96 of P450_{cam}, or the equivalent amino acid in a homologue, has been changed to an amino acid with a less polar side-chain.

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25. Process according to claim in which the halogen is chlorine.

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- 26. Process according to claim in which the aromatic compound is a benzene or biphenyl.
- 27. Process for oxidising a halo aromatic substrate, which process comprises oxidising said substrate with a monooxygenase enzyme, wherein the substrate is 1, 2-dichlorobenzene, 1, 2, 4- trichlorobenzene, 3,3'-dichlorobiphenyl, 2,2',4,5,5'-pentachlorobiphenyl, pentachlorobenzene or hexachlorobenzene.

- 28. Process according to claim 8 in which the enzyme is:
 - (i) $P450_{cam}$, or
 - (ii) a naturally occurring homologue of (i), or
 - (iii) a mutant of (i) or (ii).
- 35. Method of treating a locus contaminated with a halo aromatic substrate comprising contacting the locus with:
 - (i) a monooxygenase enzyme, or
 - (ii) a cell that expresses:
 - (a) a monooxygenase enzyme;
 - (b) an electron transfer reductase; and
 - (c) an electron transfer redoxin, or
- (iii) a non-human transgenic animal or transgenic plant whose cells express (a), (b) and (c).